

FIG. 1

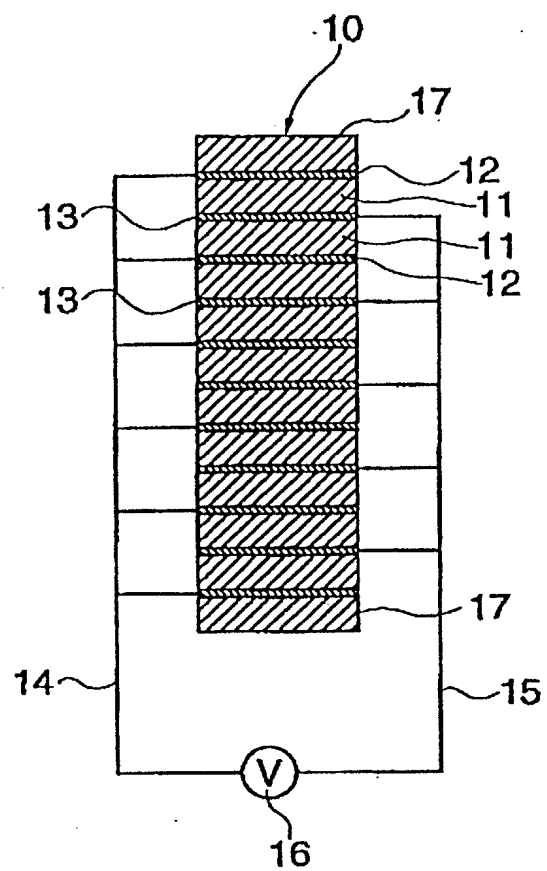


FIG. 2

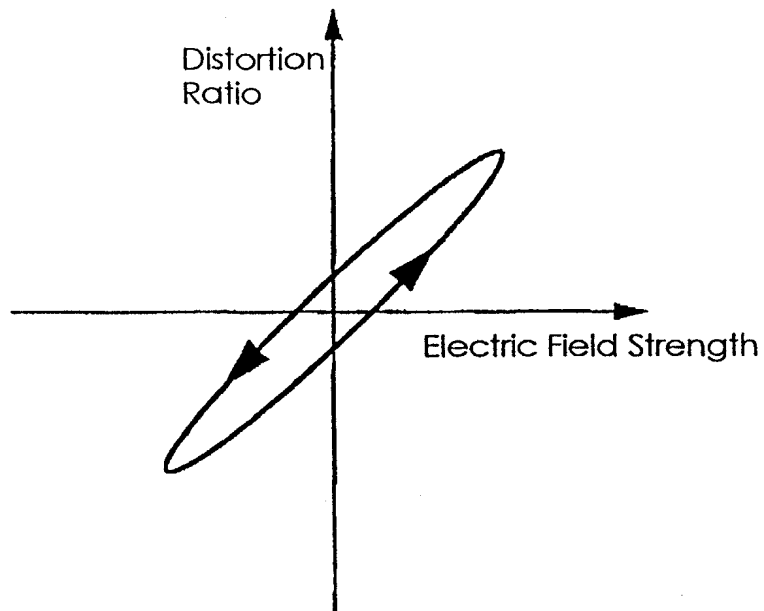


FIG. 3

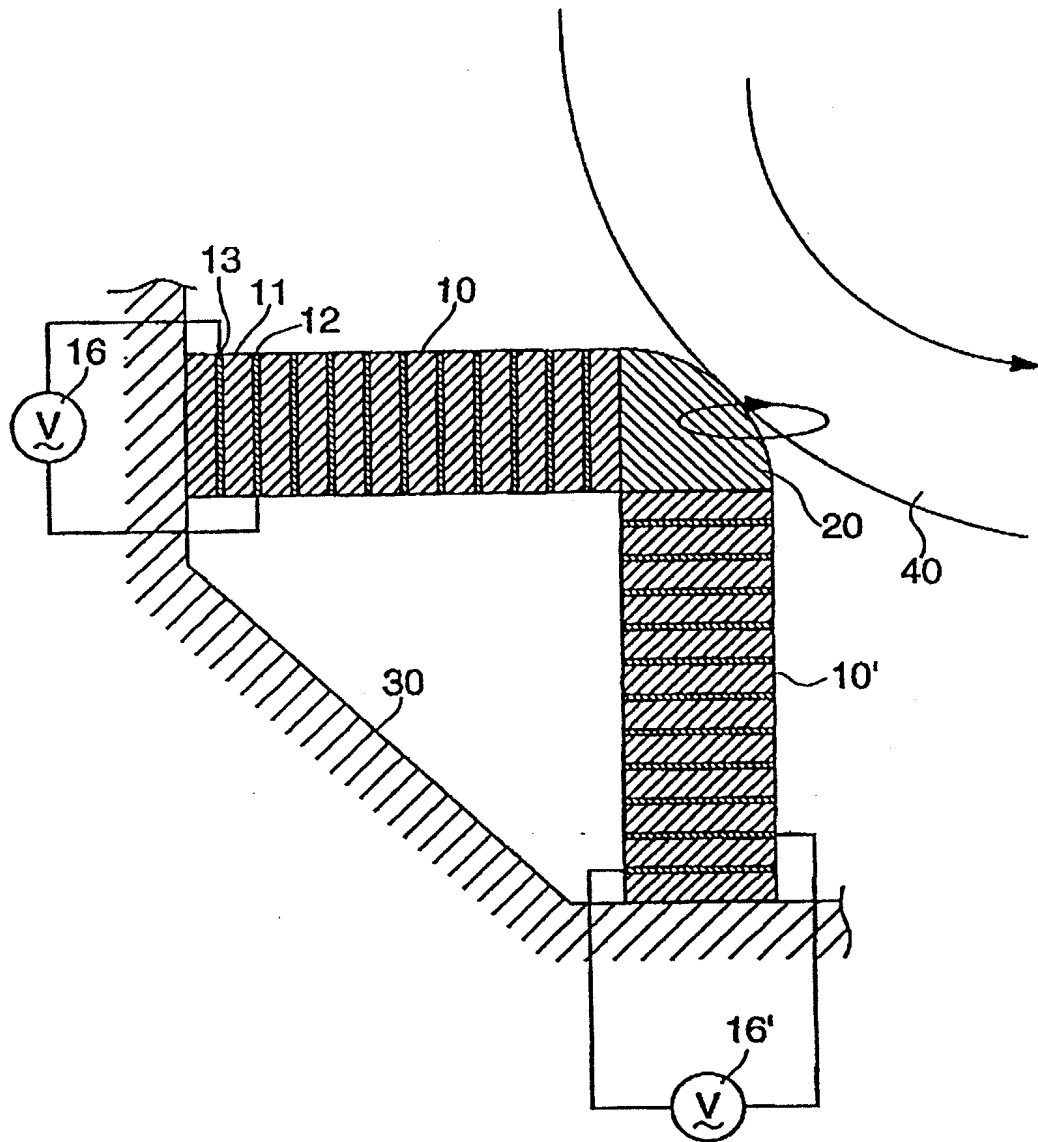


FIG. 4

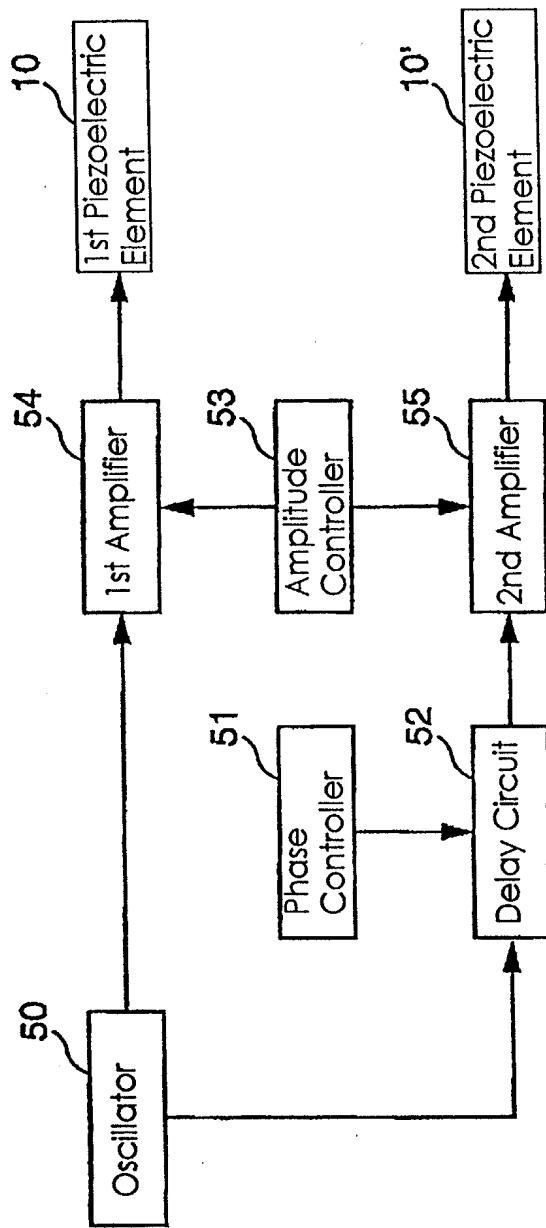


FIG. 5a

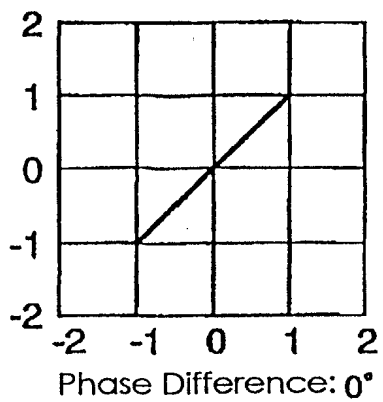


FIG. 5b

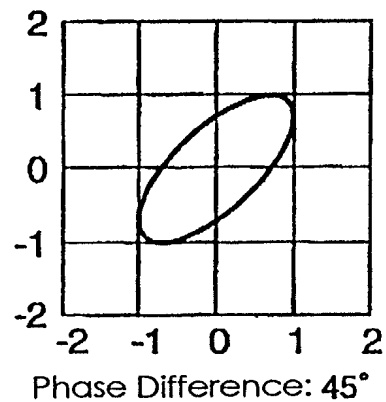


FIG. 5c

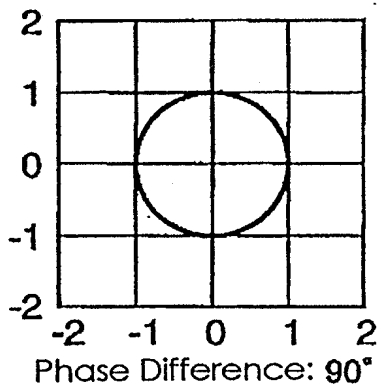


FIG. 5d

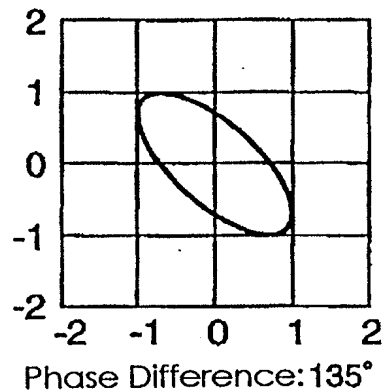


FIG. 5e

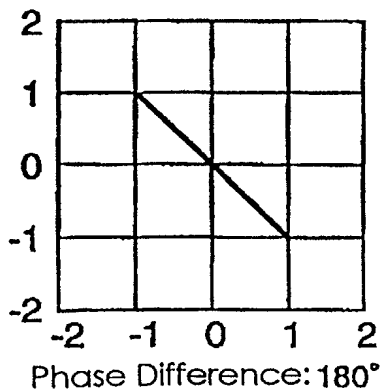


FIG. 6a

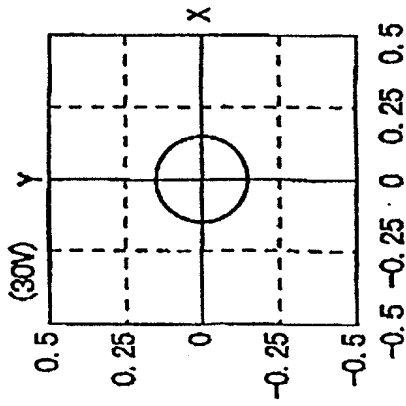


FIG. 6b

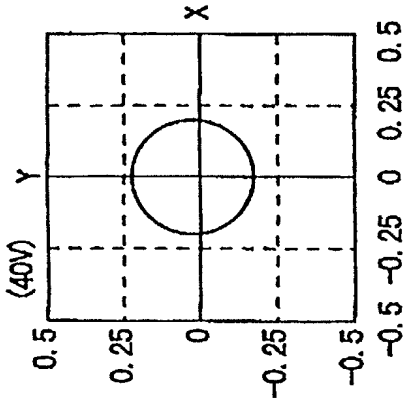


FIG. 6c

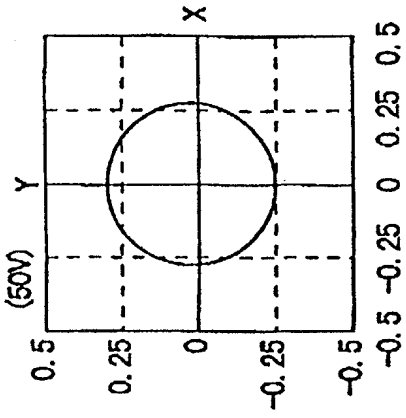


FIG. 6d

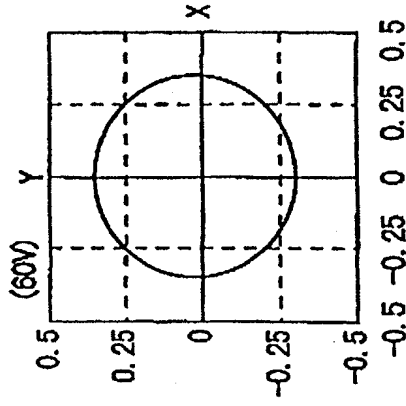


FIG. 6e

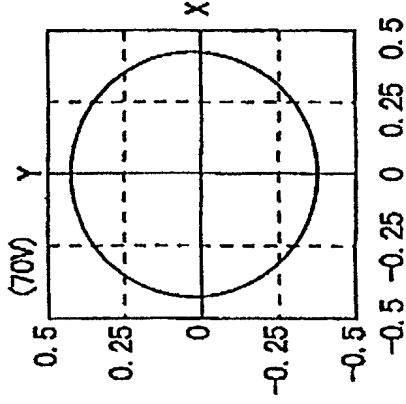


FIG. 6f

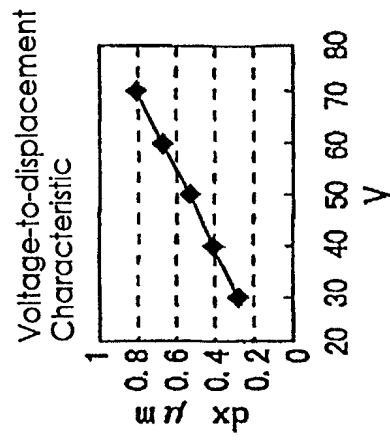


FIG. 7

Relationship between Compression Force and Contact Interval

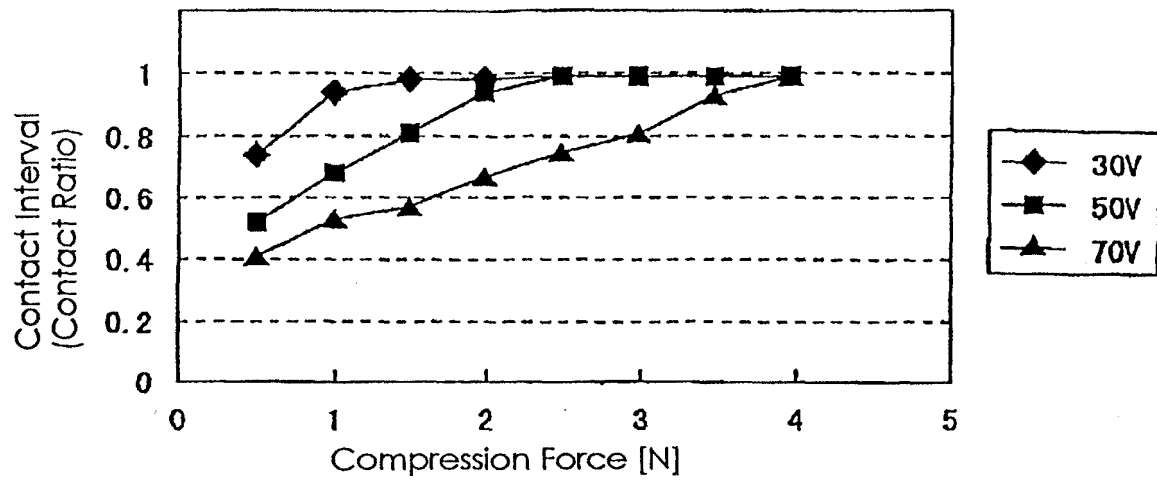


FIG. 8

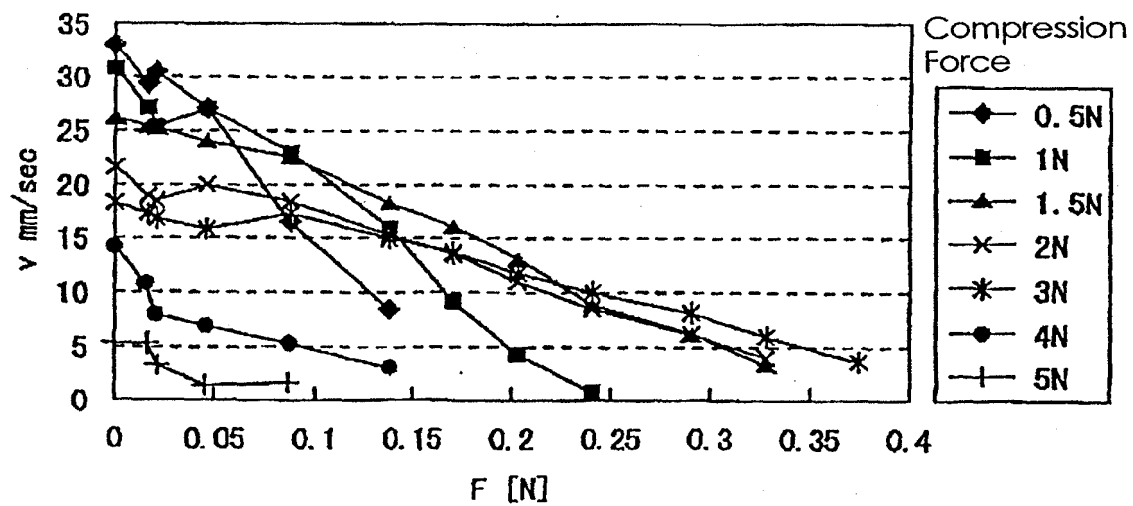


FIG. 9

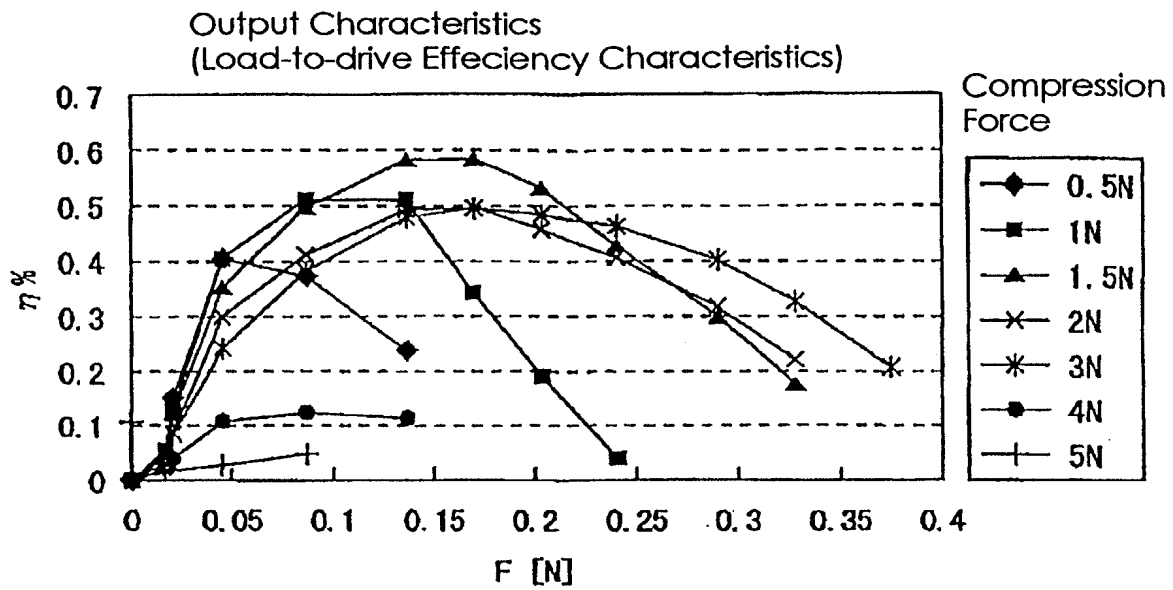


FIG. 10

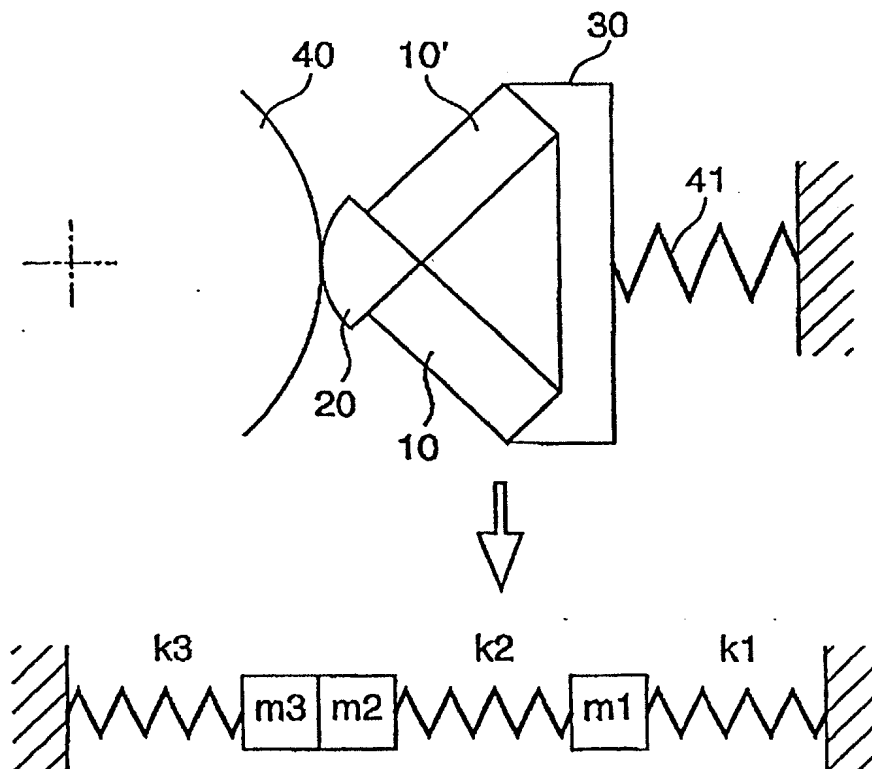




FIG. 11

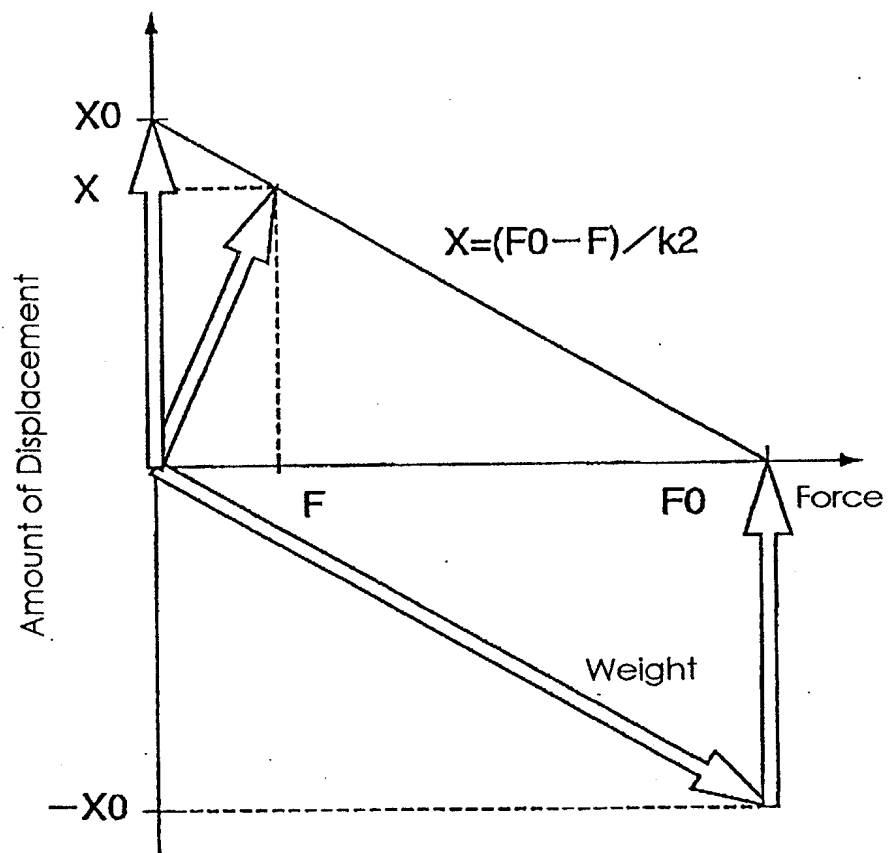


FIG. 12a

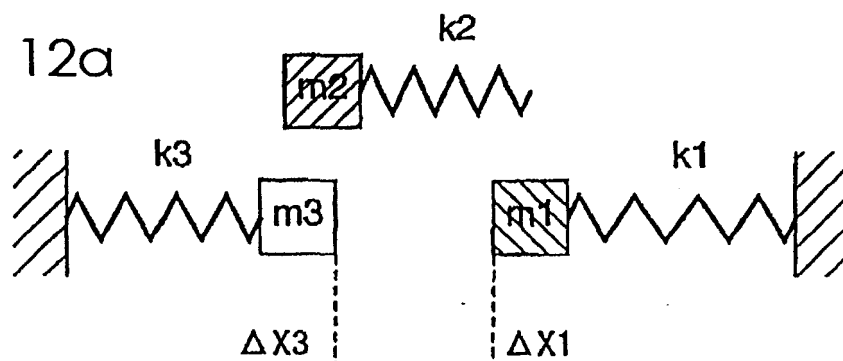


FIG. 12b

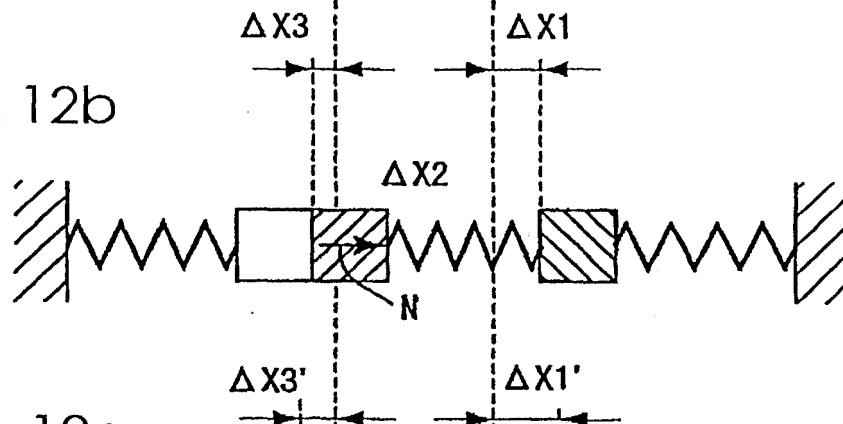


FIG. 12c

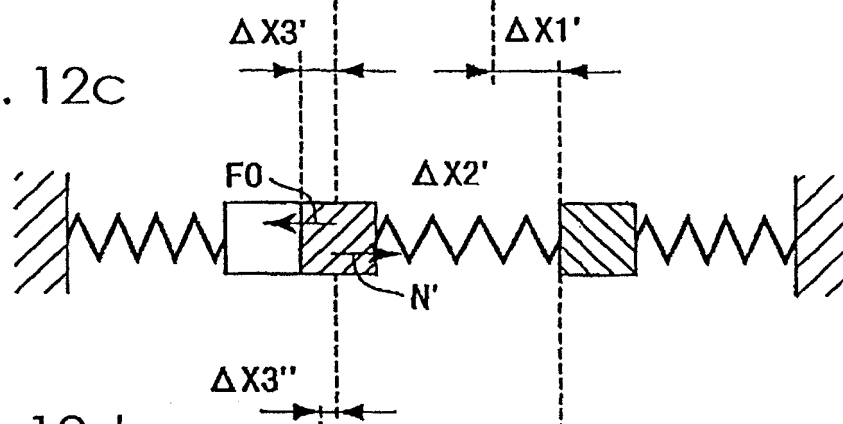


FIG. 12d

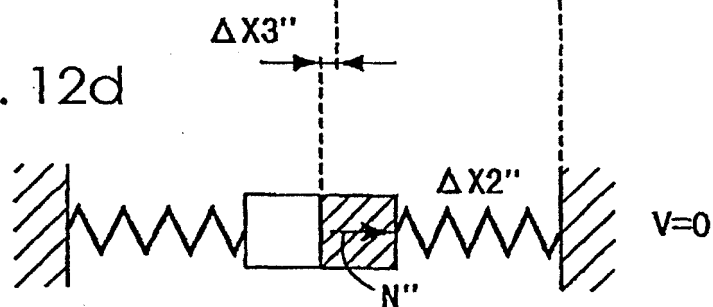


FIG. 13

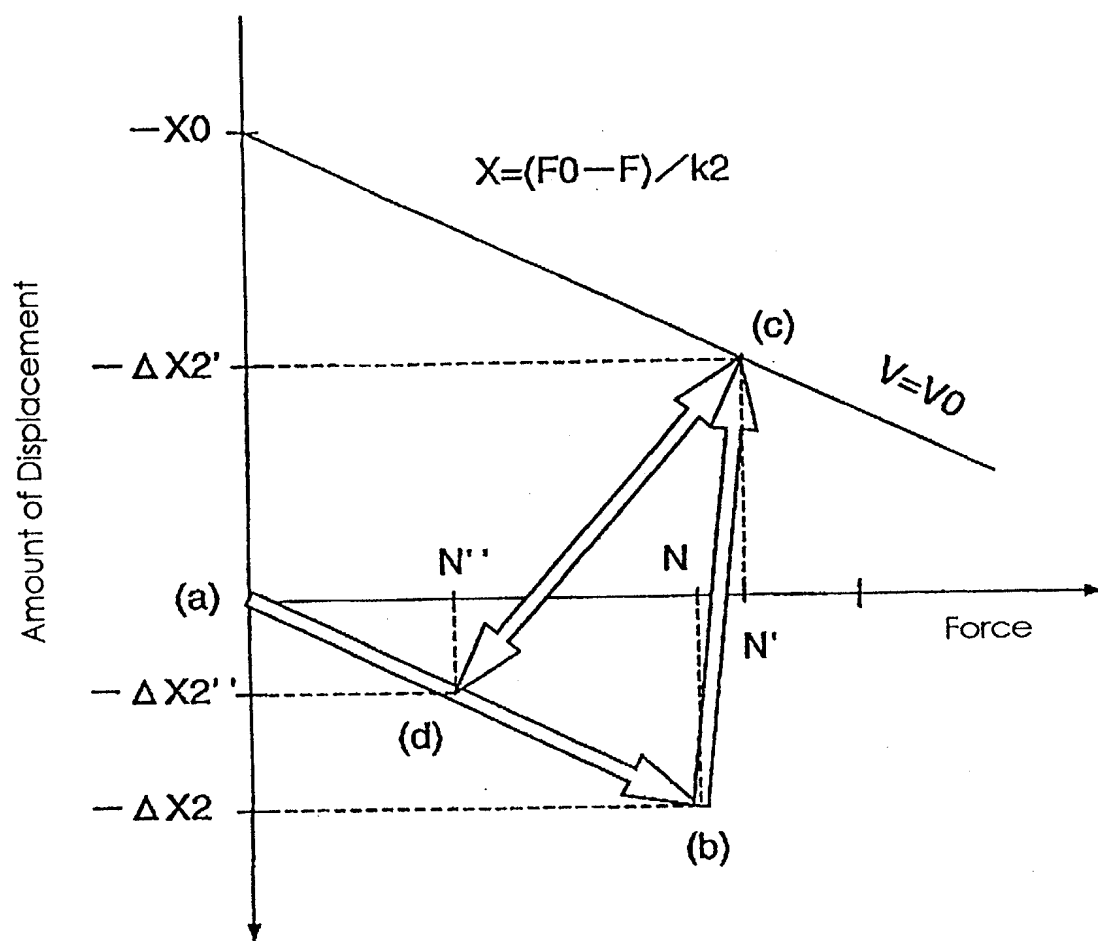


FIG. 14

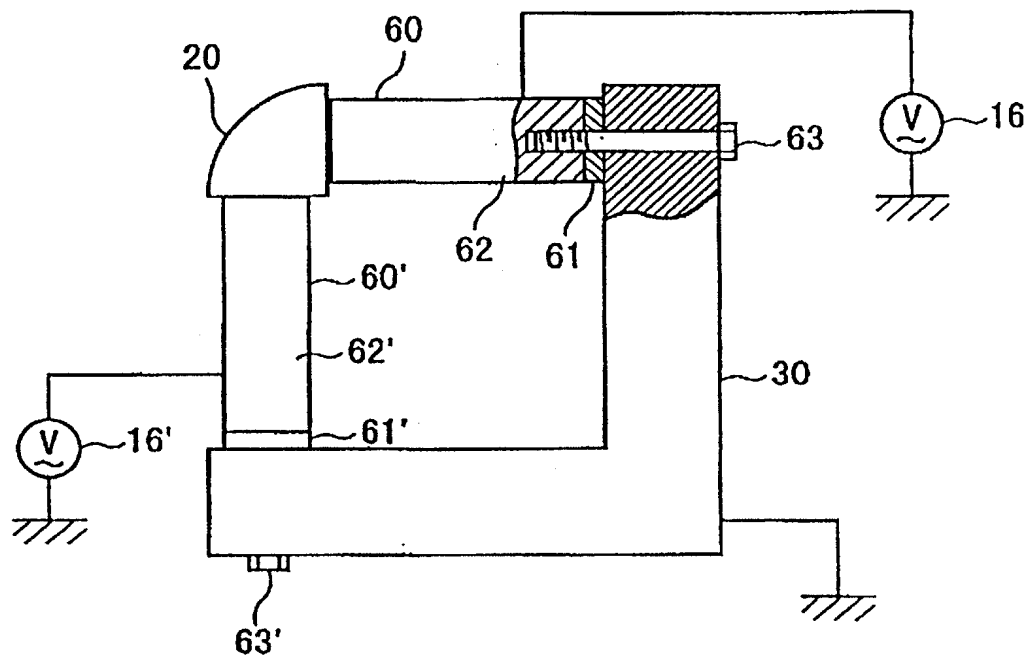


FIG. 15

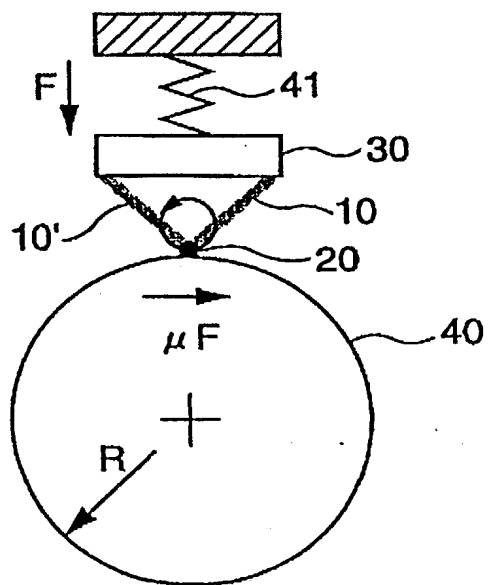


FIG. 14

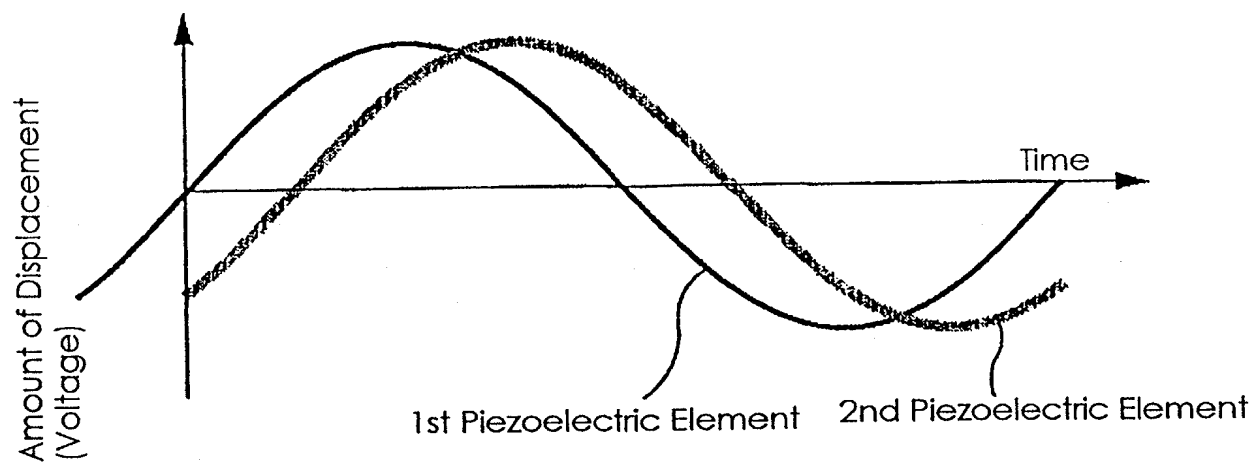


FIG. 17a      FIG. 17b      FIG. 17c      FIG. 17d      FIG. 17e

